

Leveraging Technology to Enhance Community Safety



History & Current Milestone Camera Capabilities



- City of Mankato has strategically used video surveillance since 2005
- Currently have 541 operational cameras (Milestone Technologies)
- City/Dist77 Integrated Dashboard
- We continue leveraging technology to deter crime, support investigations, and enhance public safety



Camera Enhancements and Strategy

We are adopting a tiered, cost-effective approach to enhance existing video surveillance capabilities and add necessary technologies.

By leveraging AI and analytics, we aim to improve operational effectiveness, optimize investigative efficiency, and proactively deter crime.

Strategic, phased implementation that ensures cost-effective implementation

Milestone Technologies - Camera System Enhancement

- 541 cameras are focused on the interior of the city
- Capabilities include:
 - Smart Map User Interface (UI)
 - Rapid Review (multiple cameras overlay)
 - AI suspect tracking for investigative support resulting in significant time savings
 - AI search functionality (vehicle/clothing description)
- Integrate license plate recognition (LRP)
 - If pilot program of demo LRP camera is effective, we propose expanding with 15-20 additional LRP cameras to enhance traffic-related investigations.



Axon – Squad Cameras – License Plate Reader (LPR)

- Axon LPR capabilities are already integrated into squad cameras but require activation to leverage real-time vehicle identification.
- LPR functionality is customizable and can improve situational awareness and response times.
 - Identify stolen vehicles
 - Provide real-time alerts to officers.



Capture Plate



AI Scans Database



Officer Receives Alert

Mobile Trailer Cameras

- Mobile trailer cameras provide flexible, high-visibility surveillance for crime prevention and enforcement.
- Key benefits include:
 - **Crime Deterrence:** Visible presence reduces criminal activity.
 - **LPR Capabilities:** Monitors vehicles in strategic locations.
 - **Rapid Deployment:** Can be moved based on crime trends or events.



Flock Technologies

- Flock Technologies is part of a nationwide law enforcement network that enables real-time intelligence sharing among agencies
- Flock would enhance citywide surveillance by enabling LPR vehicle tracking at entry and exit points
- Previous investigative successes have utilized Flock with multi-agency connection
- Phase 1 =12 cameras. Additional phases to follow if successful.
- Other law users: Edina, Maple Grove, St. Paul, Wayzata, Omaha, NE, etc.



Ongoing Management & Policy

- Each system has strict role-based access controls, audit logs, and encryption to ensure data security and compliance with federal laws and Minnesota state statute.
- Departmental oversight, and city technology use policies, ensure legal and responsible usage.



Budget & Timeline

Budget

\$130,000

***Funded via IT Capital and
Public Safety Aid***

Timeline

Platform	Timeline
Milestone	Q1 2025
Axon LPR	Q2 2025
Trailer Camera	Q3/Q4 2025
Flock	Q3 2025

Summary

- **Goal:** Provide awareness and education on current capabilities and future enhancement opportunities.
- Phased strategy ensures responsible, cost-effective technology adoption.
- Enhancements will increase operational effectiveness and improve public safety.

